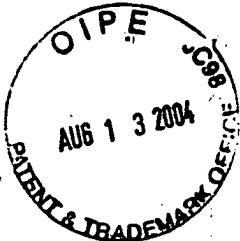


Docket No.: 50212-587



PATENT

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277
Manabu SHIOZAKI, et al. : Confirmation Number: 9928
Serial No.: 10/815,789 : Group Art Unit: 2633
Filed: April 02, 2004 : Examiner:
For: DIFFRACTION GRATING ELEMENT, OPTICAL MODULE AND OPTICAL
COMMUNICATIONS SYSTEM

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

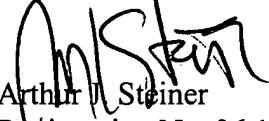
The relevance of JP 58-198006 and "Rectangular surface-relief transmission gratings with a very large first-order diffraction efficiency (~95%) for unpolarized light.", are discussed in the present specification. Please charge any shortage in fees due in connection with the

10/815,789

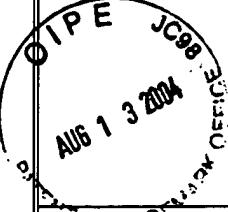
filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLP


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INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (PTO-1449)			ATTY. DOCKET NO. 50212-587	SERIAL NO. 10/815,789		
			APPLICANT Manabu SHIOZAKI, et al.			
			FILING DATE August 13, 2004	GROUP 2633		
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ₂ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	US					
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FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number & Kind Codes (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation
						Yes No
		JP 58-198006	11/17/1983	RICOH CO LTD		JAPAN (w/English Abstract)
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		GERRITSEN, Hendrik J., et al. "Rectangular surface-relief transmission gratings with a very large first-order diffraction efficiency (~95%) for unpolarized light." <i>Applied Optics</i> , September 1998, Volume 37, Number 25, pp. 5823-5829				
EXAMINER			DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.